

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM 5254-2

FEB 05 1982

TEC #838-F

1. PRODUCT NAME, NUMBER, SYNONYM: _____
2. MANUFACTURER'S NAME: Tec Chemical Co.
3. MANUFACTURER'S ADDRESS: 524 Monterey Pass Road, Monterey Park, California 91754
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wash with water.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Yellow label - keep away from organic materials.
6. FIRST AID TREATMENT:
 - A. SKIN CONTACT: Wash immediately with water preferably with sodium bicarbonate or sodium thiosulfate.
 - B. EYE CONTACT: Flush with copious quantities of water for at least 15 minutes - obtain medical attention.
 - C. INHALATION: treat as for chromic acid.
 - D. ANTIDOTE IN CASE OF SWALLOWING: treat as for chromic acid.
7. PHYSIOLOGICAL PROPERTIES:
 - A. ACUTE ORAL TOXICITY: chromic systemic
 - B. LOCAL EFFECTS UPON EYES: can cause severe damage to cornea
 - C. LOCAL EFFECTS UPON SKIN: causes discoloration and severe burns
 - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): ACGIH .2 milligrams per cubic meter of air.
 - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): irritation
 - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): very low since the material is operated at room temperature
8. CHEMICAL AND PHYSICAL PROPERTIES:
 - A. SPECIFIC GRAVITY (WATER = 1): 1.2 at use concentration
 - B. VAPOR DENSITY (AIR = 1): _____
 - C. VAPOR PRESSURE mm Hg AT 25° C.: water
 - D. pH: _____
 - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: etches aluminum - may strip some paints.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? heat

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
sodium fluoride	greater than 6%
chromic acid	" " 40%
sodium nitrate	48%

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? polymerization

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: wear protective equipment

10. RECOMMENDED PROTECTIVE EQUIPMENT: apron, goggles, gloves, boots

11. A. FLASHPOINT °F; CLOSED CUP no; OPEN CUP no; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: no

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER immediately flammable; UPPER

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES ; NO

D. FIRE POINT °F ; AUTO IGNITION TEMPERATURE °F

E. VAPOR DENSITY

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? chromium trioxide

G. SUITABLE EXTINGUISHING AGENTS: water, CO₂, no chemical or foam

12. INFORMATION FURNISHED BY: C. C. Campbell

TITLE: vice-president

COMPANY: Tec Chemical Co.

ADDRESS: 524 Monterey Pass Road
Monterey Park, California 91754

DATE: 11/18/71

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.

Telephone 283-3718



TEC CHEMICAL CO.

524 S. Monterey Pass Road
Monterey Park, California 91754

November 19, 1971

Mr. A. W. Wildanger
Safety Engineer
DOUGLAS AIRCRAFT DIVISION
McDonnell Douglas Corporation
3855 Lakewood Blvd.
Long Beach, California 90801

SUBJECT: Hazardous Materials Data Sheets
Tec #838-F and Tec PTA Remover #9

Dear Sir:

Enclosed please find Hazardous Materials Data Sheets
covering our products above.

If further information is needed, please advise.

Cordially,

A handwritten signature in dark ink, appearing to read "R. V. Gardner". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

R. V. Gardner
President

RVG/gm
Encl. (2)